

Title (en)

SYSTEM AND METHOD FOR LANE MONITORING AND PROVIDING LANE DEPARTURE WARNINGS

Title (de)

SYSTEM UND VERFAHREN ZUR FAHRSPURÜBERWACHUNG UND BEREITSTELLUNG VON WARNUNGEN BEIM VERLASSEN DER FAHRSPUR

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE DE VOIE ET DE FOURNITURE D'AVERTISSEMENTS DE DÉPART DE VOIE

Publication

**EP 3735682 A1 20201111 (EN)**

Application

**EP 19861280 A 20190322**

Priority

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Abstract (en)

[origin: WO2020191543A1] System and method for monitoring vehicle traffic and providing lane departure warnings are disclosed. A vehicle monitoring system comprises one or more sensing devices (101a, 101b, 101c, 101d, 101e) disposed within a vicinity of one or more vehicles (110a, 110b) in a road environment (140), one or more sensors on-board the one or more sensing devices, and a data manager running on one or more microprocessors, wherein one or more sensors collect information of the one or more vehicles (110a, 110b) in the road environment (140), data manager receives the collected information of the one or more vehicles (110a, 110b) and analyzes the collected information to monitor the one or more vehicles (110a, 110b) in the road environment (140). A system for generating lane departure warnings comprises: a plurality of sensors (1009A, 1009B, 1009C, 1009D) coupled to a vehicle(1002) in at least two bilateral locations, and a computing device coupled to the vehicle (1002) and in communication with the plurality of sensors (1009A, 1009B, 1009C, 1009D). The computing device includes at least one processor (1102) and a driving manager. The driving manager determines the vibration signal corresponds to a lane depart.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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